

What is a Function?

Learning Objectives

- What is a Function?
 - Deep understanding of multiple representations of functions, including graphs, tables, equations, function notation, words, arrow diagrams, applications, data, and a function machine
 - Recognize functions in everyday life and appreciate the ubiquity of functions
 - Use definition of function to argue whether something is a function using all different types of representations
 - Understand the difference between a function, an expression, and an equation
 - Define x - and y -intercepts of the graphs of functions